

Amendments to the Claims

Please cancel Claims 1-17. Please add new Claims 18-34. The Claim Listing below will replace all prior versions of the claims in the application:

Claim Listing

18. (New) A connector for medical liquid-containing packages, in particular infusion or transfusion bags, with
 - a connection part, which has a channel-shaped recess in which a self-sealing membrane is arranged, whereby the channel-shaped recess has a package-side lower opening and a connection-side upper opening;
 - a break-off part, which closes the channel-shaped recess and is connected to the connection part above the connection-side opening;
 - characterized in that the connection part above the self-sealing membrane is designed as a connection piece with an internal cone, whereby the self-sealing membrane is slit so as to receive the conical shaft of a syringe in a sealing fashion.
19. (New) The connector according to claim 18, characterized in that the connection piece of the connection part is designed as a female Luer connector with an internal cone.
20. (New) The connector according to claim 19, characterized in that the Luer connector of the connection part is designed as a female Luer lock connector with an internal cone and an external thread.
21. (New) The connector according to claim 18, characterized in that the break-off part is connected via an annular rupture zone to the connection part.
22. (New) The connector according to claim 18, characterized in that the connection part comprises a lower section and an upper section, whereby the sections are fixed in a snap-in fashion.

23. (New) The connector according to claim 22, characterized in that the self-sealing membrane is held clamped between the lower and upper section.
24. (New) The connector according to claim 18, characterized in that the self-sealing membrane has a lower annular portion and an upper plate-shaped portion, which has a mould-shaped recess.
25. (New) The connector according to claim 24, characterized in that the upper plate-shaped portion is followed by a middle intermediate piece, which transforms into the lower annular portion of the self-sealing membrane.
26. (New) The connector according to claim 24, characterized in that the annular portion of the self-sealing membrane is clamped between the lower and upper section of the connection part.
27. (New) The connector according to claim 24, characterized in that the connection part has a shoulder projecting inwards, on which the annular portion of the self-sealing membrane rests.
28. (New) The connector according to claim 24, characterized in that the connection part has a shoulder projecting inwards, on which the plate-shaped portion of the self-sealing membrane rests.
29. (New) The connector according to claim 28, characterized in that the plate-shaped portion of the self-sealing membrane is prestressed in a spring-like manner against the shoulder projecting inwards.
30. (New) The connector according to claim 24, characterized in that the annular portion of the self-sealing membrane is connected in a keyed manner to the lower section of the connection part.

31. (New) The connector according to claim 24, characterized in that the inner diameter of the annular portion of the self-sealing membrane is smaller than the inner diameter of the channel-shaped recess of the connection part.
32. (New) The connector according to claim 18, characterized in that the internal cone of the connection piece and the self-sealing membrane of the connection part are designed and arranged in such a way that the conical shaft of a syringe inserted into the internal cone opens the slit membrane, but does not penetrate it.
33. (New) The connector according to claim 18, characterized in that the break-off part is designed as a flat grip.
34. (New) A package for medical liquids, in particular infusion or transfusion bags, with a connector according to claim 18.